

XP 002150689

AN - 1994-010974 [02]
AP - JP19920173025 19920630; [Previous Publ. JP5316997] ; JP19920173025
19920630; US19920919543 19920724
CPY - POKK
DC - B04 D13
FS - CPI
IC - A01N43/04 ; A23C9/152 ; A23G3/00 ; A23L1/30 ; A23L1/304 ; A61K31/00 ;
A61K31/70 ; C07H15/04 ; C07H23/00
IN - KITADA Y; NAKANISHI N
MC - B04-C02 B04-C02X B05-A01B B05-C07 B07-A02 D03-B D03-H01
M1 - [01] J0 J014 J1 J113 K0 L8 L815 L816 L819 L824 L831 M423 M431 M782
M903 M904 P714 Q211 Q220; 9402-19901-M
M2 - [02] A220 C730 C810 M411 M417 M431 M782 M903 M904 P714 Q211 Q220;
R06646-M
- [03] A220 C730 C810 M411 M417 M431 M782 M903 M904 P714 Q211 Q220;
R06117-M
PA - (POKK) POLA CHEM IND INC
PN - JP2986133B2 B2 19991206 DW200003 A61K31/70 005pp
- JP5316997 A 19931203 DW199402 A23L1/30 005pp
- US5952308 A 19990914 DW199944 A01N43/04 000pp
PR - JP19910188827 19910729
XA - C1994-004449
XIC - A01N-043/04 ; A23C-009/152 ; A23G-003/00 ; A23L-001/30 ; A23L-001/304 ;
A61K-031/00 ; A61K-031/70 ; C07H-015/04 ; C07H-023/00
AB - J05316997 Accelerators of mineral absorption contg. oligo-uronic acid
(1-9 of polymerisation deg.) are new.
- Oligo-uronic acid is oligogalacturonic acid, or oligomannuronic acid.
The accelerators of mineral absorption contain mineral (e.g. F or Ca).
F is that of trivalent cpd.
- USE/ADVANTAGE - Mineral (e.g. F or Ca) absorption accelerators.
- In an example, Pectinase (5g) was added to apple pectin
(5%)-containing aq. soln. (1000g) and stirred at 35 deg.C for 3 hrs.
The pectin soln. was purified and freeze-dried to obtain powder of
oligogalacturonic acid (38g). Polymerisation deg. was 6.(Dwg.0/0)
CN - 9402-19901-M R06117-M R06646-M
IW - ACCELERATE MINERAL ABSORB FLUORINE CALCIUM CONTAIN OLIGO URONIC ACID
POLYMERISE DEGREE
IKW - ACCELERATE MINERAL ABSORB FLUORINE CALCIUM CONTAIN OLIGO URONIC ACID
POLYMERISE DEGREE
INW - KITADA Y; NAKANISHI N
NC - 002
OPD - 1991-07-29
ORD - 1993-12-03
PAW - (POKK) POLA CHEM IND INC
TI - Accelerators of mineral absorption e.g. for fluorine or calcium -
contain an oligo-uronic acid of polymerisation degree 1-9
USAB- US5952308 Accelerators of mineral absorption contg. oligo-uronic acid
(1-9 of polymerisation deg.) are new.
- Oligo-uronic acid is oligogalacturonic acid, or oligomannuronic acid.
The accelerators of mineral absorption contain mineral (e.g. F or Ca).
F is that of trivalent cpd.

BEST AVAILABLE COPY

- **USE/ADVANTAGE - Mineral (e.g. F or Ca) absorption accelerators.**
- **In an example, Pectinase (5g) was added to apple pectin (5%)-containing aq. soln. (1000g) and stirred at 35 deg.C for 3 hrs. The pectin soln. was purified and freeze-dried to obtain powder of oligogalacturonic acid (38g). Polymerisation deg. was 6.**